



# MATERIAL SAFETY DATA SHEET

## 1. COMPANY AND PRODUCT INFORMATION

**Product Name:** Sundek SunStain SunAcid

**Supplier**  
Sundeck Products USA, Inc  
805 Ave. H Suite 508  
Arlington, Texas 76011  
For health and safety questions:  
Phone number (888) 390-0305  
Fax number (817) 649-7292  
E-mail: products@sundek.com

**For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night**

**Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: 1-703-527-3887  
(collect calls accepted)**

## 2. GENERAL INFORMATION

**Product Class:** Hydrochloric Acid

## 3. HAZARDOUS INGREDIENTS

	<u>Percent</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Chromic Chloride	7.5	50925-66-1	N/E	.5 mg/m <sup>3</sup>
Hydrochloric Acid	15.5	7647-01-0	7.0 mg/m <sup>3</sup>	7.0 mg/m <sup>3</sup>
Ferrous Chloride	77.0	7758-94-3	1.0 mg/m <sup>3</sup>	1.0 mg/m <sup>3</sup>

## 4. PHYSICAL DATA

<b>Boiling Point:</b>	N/A	<b>Solubility in Water:</b>	N/A
<b>Vapor Pressure:</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Vapor Density:</b>	N/A	<b>Appearance:</b>	Dark Liquid
<b>Specific Gravity:</b>	1.30+.03	<b>Odor:</b>	Sharp Pungent Odor
<b>Percent Volatiles:</b>	N/A		

## 5. FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point:</b>	N/E
<b>Flammable Limits:</b>	Not Regulated <b>LEL:</b> N/A <b>UEL:</b> N/A
<b>Extinguishing media:</b>	Water fog, Alcohol, Foam, Dry Chemical.
<b>Special Fire Fighting Procedures:</b>	Wear full protective equipment including NIOSH approved self-contained breathing apparatus.
<b>Fire and Explosion Hazards:</b>	Releases Hydrogen Chloride Gas when heated. Also reacts with most metals to release hydrogen gas which can form explosive mixture with air. During fire, HDI vapors and other highly toxic gases may be generated.

## 6. REACTIVITY DATA

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Incompatibility:** Avoid contact with strong alkalis, alkali metals.  
**Hazardous Decomposition Products:** May evolve highly toxic chloride fumes.

## 7. HEALTH HAZARD DATA

**Primary Route of Entry:** Dermal, inhalation.  
**Eye Contact:** Rapidly causes severe burns, possibly with permanent impairment of vision.  
**Skin Contact:** Skin burn likely.  
**Inhalation:** Remove to fresh air if effects occur. Call physician and/or transport to medical facility.  
**Ingestion:** Corrosive. Do not induce vomiting. Give large amounts of water or milk immediately if available and transport to a medical facility.

## 8. FIRST AID

**Eyes:** Immediate and continuous irrigation with flowing water at least 30 minutes is imperative. Seek medical attention.  
**Skin:** Immediate, continuous and thorough washing in flowing water for 30 minutes is indicated, remove clothing immediately. Destroy contaminated shoes. Seek medical attention.  
**Ingestion:** Corrosive. Do not induce vomiting. If vomiting occurs spontaneously keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention.  
**Note to Physician:** Massive overexposure to solutions of this product could lead to kidney failure and death.

## 9. SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Wear NIOSH approved respirator for organic vapors to prevent overexposure.  
**Ventilation:** Provide sufficient ventilation to maintain exposure below level of overexposure.  
**Eye Protection:** Chemical splash goggles or other approved safety glasses.  
**Skin Protection:** Wear chemical resistant gloves and other clothing as required to minimize contact.

## 10. SPILL OR LEAK PROCEDURES

**Steps to be taken if material is released or spilled:** Shovel or soak up spilled material into a plastic container and reuse or remove to approved chemical waste disposal area. Flush area with water, directing runoff to appropriate treatment or disposal container. Never flush to sewer. Major spills should be reported according to regulations.  
**Waste Disposal Method:** Dispose of material in compliance with all local, state and federal government regulations.

## 11. OTHER PRECAUTIONS

Addition to water release heat, which can result in violent foaming and spattering. Always add slowly and in small amounts. Never add water to acids. Always add acids to water. Containers to this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid, and/or solid).

## 12. SHIPPING DATA

D.O.T. Shipping Name: Hydrochloric Acid Solution  
 Technical Shipping Name: Hydrochloric Solution  
 D.O.T. Hazard Class: 8 - Corrosive  
 UN/NA Number: UN1789  
 Reportable Quantity: None  
 D.O.T. Labels Required: Corrosive  
 Freight Class: 55  
 Packing Group: II

### Disclaimer:

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by this company to be accurate.